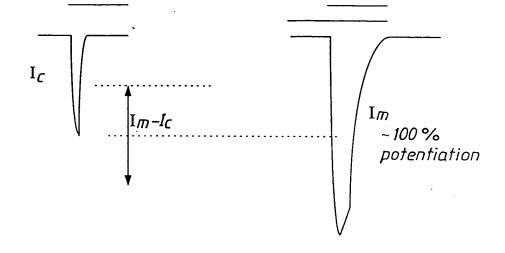
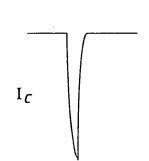


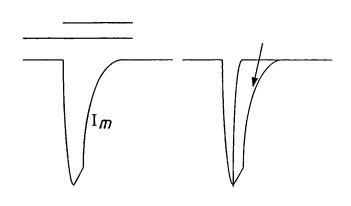
### ACh Modulator



## F-7-2

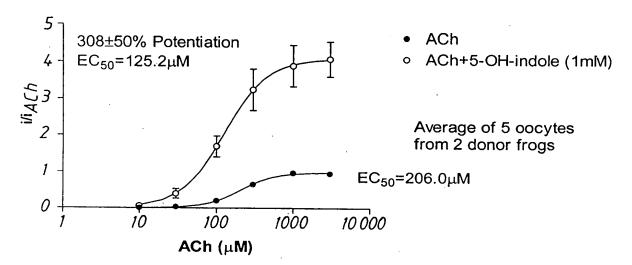
#### ACh Modulator



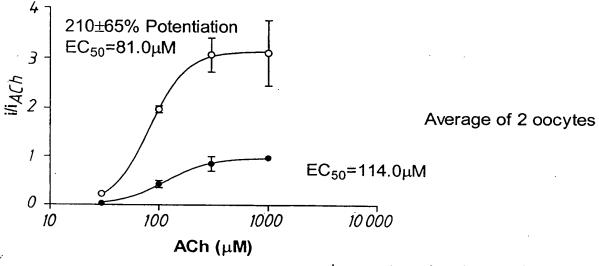


Agonist Dose-Response Curves in the Presence and Absence of 5-OH-indole

#### Mouse nAChRa7

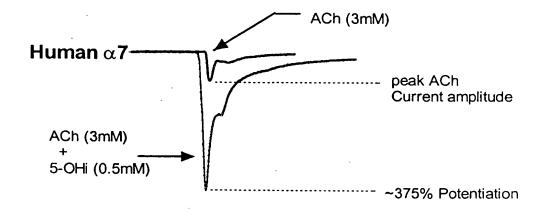


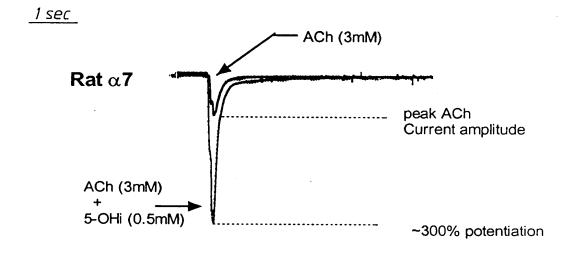
Human ∩AChR × 7

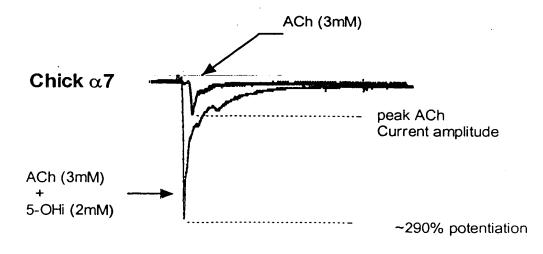


i<sub>ACh</sub>=extrapolated max of ACh curve

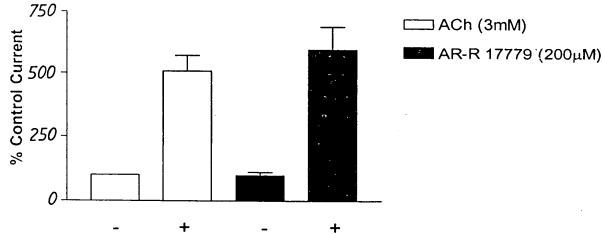
# Modulation by 5-OH-indole: ———/ Similar Activity on nAChR α7 from Human, Rat and Chick Expressed in Oocytes







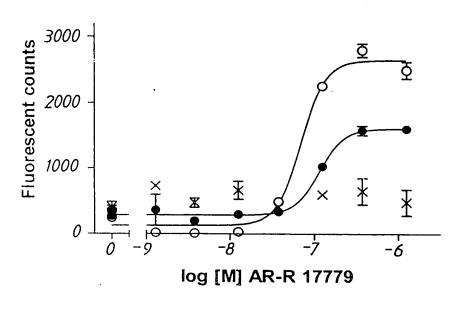
## Effect of 5-OH-indole on ACh and AR-R 17779-gated Current



All responses normalized to current amplitude elicited by 3mM ACh

<u>F</u>-7-15

#### Calcium Influx in $\alpha$ 7-HEK293



- × DMSO Control
- 0.3 mM 5-OH-Indole
- 1 mM 5-OH-Indole